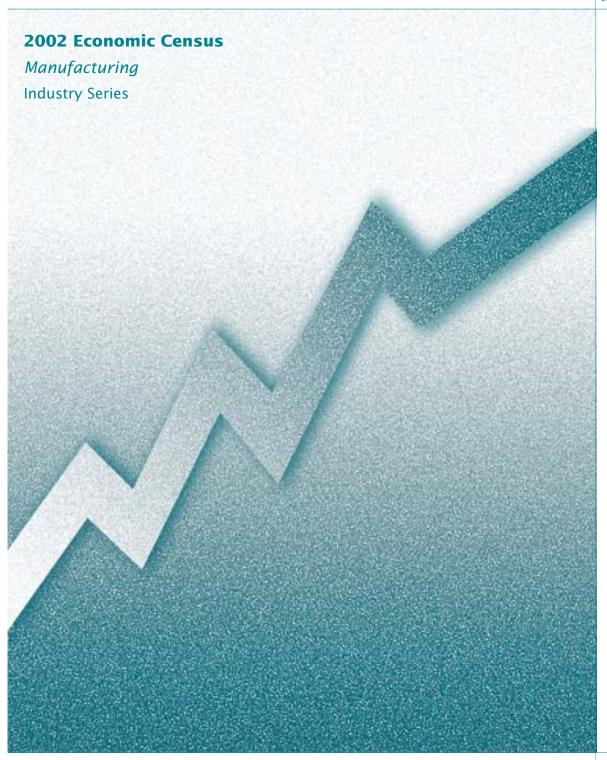
# Other Ordnance and Accessories Manufacturing: 2002

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-- Not applicable for this report.

## Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All	All em	ployees	Production workers				Total	Total	Total capital
Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	estab- lish- ments <sup>3</sup>	Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	
332995, Other ordnance and accessories											
manufacturing2002	57	62	5 114	287 837	2 034	4 070	81 878	807 588	433 304	1 214 833	r18 384
2001	N	N	4 269	226 045	1 732	3 007	61 021	616 416		987 317	19 736
2000	N	N	7 114	362 510	2 657	5 227	129 730	879 806		1 249 673	15 946
1999	N	N.	8 362	383 873	2 927	6 110	145 552	937 871	402 015	1 360 896	19 411
1998	N	N	8 722	377 751	3 664	6 489	165 332	1 078 062	371 623	1 459 584	19 142
1997	65	68	8 545	362 201	3 465	6 423	155 572	1 021 358	354 734	1 362 401	18 035

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

#### Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area		All establishments <sup>2</sup>		All employees		Production workers						
		Total	With 20 em- ploy- ees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	tures
332995, Other ordnance and accessories manufacturing												
United States	7	62 7 4 8	24 2 1 2	5 114 131 568 122	287 837 5 283 33 574 3 913	2 034 56 246 83	4 070 127 550 166	81 878 2 557 11 733 2 347	807 588 11 498 51 835 12 098	433 304 6 044 3 185 4 224	1 214 833 17 525 55 020 16 491	r18 384 r949 r22 r263

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

## Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
332995, Other ordnance and accessories manufacturing	
Companies <sup>1</sup> number	57
All establishments <sup>2</sup> number.  Establishments with 1 to 19 employees number.  Establishments with 20 to 99 employees number.  Establishments with 100 employees or more number.	62 38 14 10
All employees³         number           Total compensation         \$1,000           Annual payroll         \$1,000           Total fringe benefits         \$1,000	5 114 350 149 287 837 62 312
Production workers, average for year	2 034 2 034 2 032 2 032 2 026 2 043
Production worker hours	4 070 81 878
Total cost of materials         \$1,000           Materials, parts, containers, packaging, etc., used         \$1,000           Resales         \$1,000           Purchased fuels         \$1,000           Purchased electricity         \$1,000           Contract work         \$1,000	433 304 403 976 5 206 3 987 8 272 11 863
Quantity of electricity purchased for heat and power	145 723 -
Total value of shipments         \$1,000           Primary products value of shipments         \$1,000           Secondary products value of shipments         \$1,000           Total miscellaneous receipts         \$1,000           Value of resales         \$1,000           Contract receipts         \$1,000           Other miscellaneous receipts         \$1,000	1 214 833 1 040 030 105 708 69 095 D D
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industry \$1,000.	91 1 281 655 1 040 030 241 625
Coverage ratiopercent	81
Value added	807 588
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	199 738 8 911 178 108 12 719
Total inventories, end of year         \$1,000           Finished goods inventories         \$1,000           Work-in-process inventories         \$1,000           Materials and supplies inventories         \$1,000	225 874 6 318 206 760 12 796
Gross value of depreciable assets (acquisition costs) at beginning of year         \$1,000           Total capital expenditures (new and used)         \$1,000           Buildings and other structures (new and used)         \$1,000           Machinery and equipment (new and used)         \$1,000           Automobiles, trucks, etc., for highway use         \$1,000           Computers and peripheral data processing equipment         \$1,000           All other expenditures for machinery and equipment         \$1,000           Total retirements         \$1,000           Gross value of depreciable assets at end of year         \$1,000	'342 907 '18 384 '3 313 '15 071 '510 '3 691 '10 870 '8 598 '352 693
Depreciation charges during year\$1,000.	<sup>r</sup> 21 637
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment \$1,000.	9 143 6 138 3 005
Total other expenses <sup>4</sup> \$1,000.  Response coverage ratio <sup>5</sup> percent.  Repair and maintenance services of buildings and/or machinery <sup>4</sup> \$1,000.  Communications services <sup>4</sup> \$1,000.  Legal services <sup>4</sup> \$1,000.  Accounting, auditing, and bookkeeping services <sup>4</sup> \$1,000.  Advertising and promotional services <sup>4</sup> \$1,000.  Expensed computer hardware and supplies and purchased computer services <sup>4</sup> \$1,000.  Refuse removal (including hazardous waste) services <sup>4</sup> \$1,000.  Management consulting and administrative services <sup>4</sup> \$1,000.  Taxes and license fees <sup>3</sup> \$1,000.  All other expenses <sup>4</sup> \$1,000.	64 648 75 6 085 2 424 837 279 0 4 733 481 D 1 130 43 716

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on 2002 Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

## Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

			All emp	oloyees	P	roduction worke	ers		Total	Total	Total
Employment size class		All estab- lish- ments <sup>2</sup>	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	capital expendi- tures (\$1,000)
332995, Other ordnance and accessories manufacturing											
All establishments with —  1 to 4 employees .  5 to 9 employees .  10 to 19 employees .  20 to 49 employees .  50 to 99 employees .  50 to 99 employees .  50 to 499 employees .  500 to 999 employees .  500 to 999 employees .  1,000 to 2,499 employees .  2,500 employees or more .	9 2 5 - 3	62 21 7 10 10 4 4 4 1	5 114 47 46 131 293 c 655 1 295 f g	287 837 1 779 2 113 6 536 14 112 D 31 904 63 229 D D	2 034 22 22 56 162 D 420 796 D	4 070 40 41 121 322 D 814 1 488 D	81 878 894 1 117 3 286 7 322 D 14 595 29 708 D D	807 588 3 327 8 241 13 552 29 463 D 111 122 234 769 D	433 304 2 253 3 674 6 677 17 153 D 68 080 200 760 D D	1 214 833 5 581 11 951 20 195 46 284 D 197 704 392 356 D D	'18 384 '104 '100 '335 '1 735 D '3 317 6 823 _ D
Administrative records <sup>4</sup>	9	24	81	3 613	34	68	1 791	6 890	4 654	11 545	<sup>r</sup> 231

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

## Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	A.II	All employees		Pr	oduction work	ers		Total	Total	Total capital
		All estab- lish- ments <sup>1</sup>	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
332995	Other ordnance and accessories manufacturing	62	5 114	287 837	2 034	4 070	81 878	807 588	433 304	1 214 833	<sup>r</sup> 18 384
3329951 3329952	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns,	11	3 092	184 645	947	1 896	41 206	520 871	312 152	807 794	r12 788
	flame throwers, torpedo tubes, etc. (including parts)	20	1 309	63 568	763	1 496	25 408	223 214	111 077	333 688	r5 112

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

<sup>&</sup>lt;sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

#### Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product shipments		
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)	
332995	Other ordnance and accessories manufacturing	N N	X	X	1 281 655 1 149 128	
3329951	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))	N N	××	X X	739 881 705 785	
33299511	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))	N N	X	X	717 869 705 785	
3329951110	Guns, howitzers, turrets (except aircraft turrets & turret drives), mounts, carriages (except self-propelled), mortars, and assembled and recoilless rifles (more than 30 mm					
0000054440	(1.18 in.))	8 N	X	X	652 222 N	
3329951116	Parts and other related equipment for heavy weapons (more than 30 mm (1.18 in.))	9 15	X	X	65 647 D	
3329951Y	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.)), nsk	N N	X	X X	22 012 -	
3329951YWV	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.)), nsk	N N	X	X	22 012 -	
3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	N	X	X	519 435	
33299521	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers,	N	Х	Х	421 646	
3329952100	torpedo tubes, etc. (including parts)	N N	X	X	519 435 421 646	
	including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	28 34	X	X	519 435 421 646	
332995W	Other ordnance and accessories manufacturing, nsk, total	N N	X	X X	22 339 21 697	
332995WY	Other ordnance and accessories manufacturing, nsk, total	N N N	x X	X X	22 339 21 697	
332995WYWW	Other ordnance and accessories manufacturing, nsk, for nonadministrative-record establishments	N N	X	X	10 794	
332995WYWY	Other ordnance and accessories manufacturing, nsk, for administrative-record establishments	N N	×	X	11 545 21 697	

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

## Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3329951	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))	
	United States	739 881 705 785
3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	
	United States	519 435 421 646
	California	30 489 23 993
	Texas	114 170 N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

# Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
332995	Other ordnance and accessories manufacturing		
00900001	Total materials	X	403 976
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	X	323 817 8 301
33200095	Other fabricated metal products (excluding castings and forgings)	X X X	7 459 111 887 90 881
33151001	Iron and steel castings (rough and semifinished)	X	D 4 475
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished)	x X	1 332
33152003	Other nonferrous metal castings, rough and semifinished (including aluminum and aluminum-		
	base alloy)	X X	D 1 431
33211101	Iron and steel forgings	x	D D
33120001	Steel shapes and forms (excluding castings, forgings, and fabricated metal products)	X X	4 930
33142111	1997 Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated	Х	5 048
30142111	metal products)	X X	D D
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and	V	
	fabricated metal products)	X X	D N
33100082	Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products)	х	11 239
32592011	1997 Smokeless powder	X X	N D
32332011	1997	â	Ď
32500065	Other chemicals and allied products	X	D 839
32100019	Rough and dressed lumber	X	D
32221001	Paperboard containers, boxes, and corrugated paperboard	X X	D 1 073
	1997	Х	514
32610011	Fabricated plastics products (excluding gaskets)	X X	2 248 2 726
33351501	Machine tool accessories, including cutting tools	x x	Ď
00190055	Electronic, hydraulic, and mechanical subassemblies	X	2 053 D D
00970099	All other materials and components, parts, containers, and supplies	X	45 582
00971000	Materials, ingredients, containers, and supplies, nsk	X X X	50 031 9 438 5 551

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.